

## Anti-KCNK18 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Sheep)
Molecular Weight:	Theoretical: 44 kDa. Actual: 49 kDa.
Purification:	Protein A purified

## Applications

Sample:	Spinal cord (Mouse) Lysate at 40 µg Cerebrum (Mouse) Lysate at 40 µg Hippocampus (Mouse) Lysate at 40 µg
Verified Activity:	Cerebrum (Rat) Lysate at 40 µg Primary: Anti-KCNK18 (TMAB-07939) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kD Observed band size: 49 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human KCNK18
Antigen Species:	Human
Gene ID:	338567
Uniprot ID:	Q7Z418

## Research Background

Potassium channels play a role in many cellular processes including maintenance of the action potential, muscle contraction, hormone secretion, osmotic regulation, and ion flow. This gene encodes a member of the superfamily of potassium channel proteins containing two pore-forming P domains and the encoded protein functions as an outward rectifying potassium channel. A mutation in this gene has been found to be associated with migraine with aura.[provided by RefSeq, Jan 2011]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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